

May 8, 2020

Ms. Pamela J. Langston Scully, P.E. Remedial Project Manager United States Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth St. Atlanta, GA 30303-8960

RE: April 2020 Progress Report

Anniston PCB Site (Docket No. 1:02-cv-0749-KOB)

Anniston, Alabama

Dear Ms. Langston Scully:

Please find attached the April 2020 Progress Report for the Partial Consent Decree between Solutia Inc., Pharmacia LLC (collectively P/S) and the United States Environmental Protection Agency (EPA) entered by the United States District Court for the Northern District of Alabama (Court) on August 4, 2003 and the Consent Decree for Remedial Design/Remedial Action for Operable Unit No. 3 between P/S and the EPA entered by the Court on April 17, 2013. This report describes the work performed, unanticipated issues encountered, and analytical data received during the reporting period of April 1, 2020 through April 30, 2020. The report also describes upcoming developments anticipated for the months of May and June 2020.

If you should have any questions concerning this matter or need additional information, please call me at (256) 231-8404.

Sincerely,

E. Gayle Macolly

Manager, Remedial Projects

Solutia Inc.

Attachments

cc:

Ms. Sonja Favors (ADEM)

Mr. Thomas Dahl



# APRIL 2020 PROGRESS REPORT ANNISTON PCB SITE (DOCKET NO. 1:02-cv-0749-KOB) ANNISTON, ALABAMA

USEPA I.D. No. ALD 004 019 048

Submitted For:

Solutia Inc. and Pharmacia LLC 702 Clydesdale Avenue Anniston, Alabama 36201

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#### **ATTACHMENTS**

Attachment A – OU-1/OU-2 Residential Removal Properties Surface Sampling Access Update

#### 1.0 INTRODUCTION

#### 1.1 2003 Partial Consent Decree

This monthly progress report has been prepared in accordance with the requirements of the 2003 Partial Consent Decree (2003 CD) between the United States Environmental Protection Agency (EPA), Solutia Inc. (Solutia), and Pharmacia LLC (Pharmacia) entered by the United States District Court for the Northern District of Alabama (the Court) on August 4, 2003 (Docket No. 1:02-cv-0749-KOB). The 2003 CD was issued under Sections 106, 107, and 113(g)(2) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. §§9606, 9697, §9613(g)(2). The 2003 CD provides for the performance of studies and response work by Solutia and Pharmacia at the Anniston PCB Site (Site) as defined by the 2003 CD. Solutia and Pharmacia, with Monsanto performing work on behalf of Pharmacia, are referred to as "P/S" in the subsequent sections of this report.

In accordance with Appendix A Section XIII (47), Appendix B Task 2, and Appendix G Section VI (2.5) of the 2003 CD, Section 2.0 of this report describes the work performed during the period of April 1, 2020 through April 30, 2020, including actions taken, unanticipated issues, if applicable, and analytical data received during the reporting period. Section 4.1 of this report also describes upcoming developments anticipated over the next two months for the work required by the 2003 CD, including scheduled dates of actions to be performed and planned resolutions of past or anticipated problems, if applicable.

#### 1.2 2013 Operable Unit 3 (OU-3) Remedial Design/Remedial Action Consent Decree

The Consent Decree for the Remedial Design/Remedial Action for Operable Unit 3 (OU-3 RD/RA CD) between the EPA and P/S was entered by the Court on April 17, 2013 (Docket No. 1:02-cv-0749-KOB). The OU-3 RD/RA CD, which encompasses the Solutia plant and the adjacent closed South and West Landfills, provides for the implementation of the remedies selected for OU-3 as described in the Interim Record of Decision (IROD) issued by Region 4 of the EPA on September 29, 2011.

In accordance with Section X. Paragraph 31 of the OU-3 RD/RA CD, Section 3.0 of this report describes the work performed for the OU-3 RD/RA during the period of April 1, 2020 through

April 2020 Progress Report Anniston PCB Site May 8, 2020 Page 2 of 7

April 30, 2020, including actions taken, unanticipated issues, if applicable, and analytical data received during the reporting period. Section 4.2 of this report describes the upcoming developments anticipated over the next two months for the work required by the OU-3 RD/RA CD, including scheduled dates of actions to be performed and planned resolutions of past or anticipated problems, if applicable.

#### 2.0 2003 CD WORK PERFORMED DURING REPORTING PERIOD

#### 2.1 General 2003 CD Activities

#### 2.1.1 Administrative Submittals

A 2003 CD submittal schedule for the Site that includes this reporting period's submittals and/or submittals awaiting approval or response is included as Table 1. This schedule includes the dates that documents were submitted to the EPA and the dates that approvals or comments were received from the EPA.

#### 2.2 Operable Unit 1/Operable Unit 2 (OU-1/OU-2)

#### 2.2.1 General

P/S and the EPA are currently in negotiations for the Remedial Design/Remedial Action at OU-1/OU-2 of the Anniston PCB Site.

On April 24, 2020, P/S submitted Addendum No. 5 of the NTC Removal Action Completion Report for Residential Properties at the Anniston PCB Site detailing the work completed in 2019. EPA approval is pending.

#### 2.2.2 Residential Removal Properties Program

The residential program consists of residential work associated with the 2003 CD. This includes the non-time critical (NTC) residential activities as well as time critical residential activities associated with the Administrative Order on Consent (AOC), effective October 5, 2001.

During this reporting period, P/S continued to work with the local municipalities and property owners to implement the approved NTC Removal Action Interim IC Program for Residential Properties (Interim IC Program). Table 2 provides a summary of the number of properties in each IC group.

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2.2.2.1 Residential Removal Access

Access activity includes updating owner/tenant information, access request information, and/or

EPA notification of non-compliance information. During this reporting period, P/S received access

to one property to complete surface sampling in the footprint of a former structure (Attachment A).

Currently there are 12 residential properties in the Residential Removal Properties Program where

access has not been granted. The properties are summarized in Table 3, and a description of each

property's status is presented in Table 4.

2.2.2.2 Residential Removal Activities

During this reporting period, P/S did not perform any surface or depth sampling associated with

residential removal properties in Evaluation Areas 1-35 and Zones A and B.

P/S continued to perform the required routine inspections of the Central Staging and Soil

Management Area (CSSMA) and South Staging and Soil Management Area (SSSMA) during this

reporting period. No adverse findings were noted during the inspections.

On April 24, 2020, P/S submitted the CSSMA 2019 Annual Effectiveness Report to document the

inspection and maintenance of the CSSMA during 2019.

2.2.3 OU-1/OU-2 Non-Residential Program

There was no activity during this reporting period.

2.3 11<sup>th</sup> Street Ditch

P/S will perform the next quarterly routine inspections as described in the 11th Street Ditch

Operations and Maintenance Plan during the month of June 2020.

2.4 Operable Unit 4 (OU-4)

Currently there is one residential property in the OU-4 Residential Removal Properties Program

where access has not been granted. The property's status is presented in Table 5.

P/S are currently preparing the OU-4 Technical Memorandum Summarizing the Results of the

Comparative Analysis of Alternatives which is scheduled to be submitted to the EPA on or before

July 1, 2020.

During this reporting period, P/S continued to provide construction support for the proposed

Dewatering Facility project at the Choccolocco Creek Waste Water Treatment Plant (CCWWTP)

in accordance with the approved construction support work plan. This project is scheduled to be

completed by May 2021.

2.5 Technical Assistance Plan Grant (TAPG)

The Technical Advisor (TA), Mr. Bertrand Thomas, P.G., continues to review Site-related

documents and convey information from these documents to the Community Advisory Group

(CAG) and the community.

2.6 Community Advisory Group (CAG)

There was no CAG meeting scheduled for April. The next CAG meeting, scheduled for May 12,

2020, has been postponed due to the coronavirus pandemic. A make-up date has not been

scheduled.

#### 3.0 OU-3 RD/RA CD WORK PERFORMED DURING REPORTING PERIOD

#### 3.1 General OU-3 RD/RA CD Activities

#### 3.1.1 Administrative Submittals

A CD submittal schedule for OU-3 that includes this reporting period's submittals and/or submittals awaiting approval or response is included as Table 6.

#### 3.2 Remedial Action

P/S are currently preparing a revised Institutional Controls Implementation and Assurance Plan (ICIAP) that documents the final remedial components performed as part of the completed RA work. The revised ICIAP will include an executed Environmental Covenant as required by the IROD.

On November 25, 2019, P/S submitted the Seep Investigation: Interim Results and Updated Workplan that includes monitoring results from the 2018-2019 seep flow season, an updated conceptual model for the seep source, proposed monitoring for the 2019-2020 seep flow season, and a description of modifications to the seep collection and treatment system that have been installed to increase flow capacity and reduce fouling within the system. EPA approval is pending.

#### 4.0 WORK SCHEDULED

#### 4.1 2003 CD Work Activities

During the months of May and June 2020, the following work elements are anticipated:

- Obtain and/or process access for performing residential sampling and removal activities in OU-1/OU-2 according to the Supplemental Sampling and Analysis Plan (SSAP) and the Addendum to the NTC Removal Action Work Plans for the Site (as necessary);
- Perform surface, depth, indoor dust and/or crawl space sampling of residential properties in OU-1/OU-2 as access is provided (as necessary);
- Perform residential removal activities according to the associated work plans (as necessary);
- Address action items identified by P/S, the EPA and/or the property owner/tenant for completed removal response properties (as necessary);
- Prepare and submit the SSSMA, Interim Closure 2019 Annual Effectiveness Report;
- Perform CSSMA and SSSMA inspection and maintenance requirements in accordance with the approved CSSMA Operating and Closure Plan, the approved SSSMA Operating and Closure Plan, and the SSSMA Interim Operations and Maintenance Plan;
- Perform 11<sup>th</sup> Street Ditch inspection and maintenance requirements in accordance with approved schedule;
- Provide construction support for the Quintard Mall redevelopment project (as necessary);
- Provide construction support for the proposed Dewatering Facility project at the Choccolocco Creek Waste Water Treatment Plant (as necessary);
- Prepare the OU-4 Technical Memorandum Summarizing the Results of the Comparative Analysis of Alternatives; and
- Respond to the EPA's comments, as necessary, on deliverables submitted to the EPA for approval.

#### 4.2 OU-3 RD/RA CD Work Activities

During the months of May and June 2020, the following work elements are anticipated:

- Prepare and submit a revised ICIAP; and
- Prepare and submit the results of the seep investigation in accordance with the updated work plan.



## PARTIAL CONSENT DECREE SUBMITTAL SCHEDULE ANNISTON PCB SITE

Anniston, Alabama

Request for Schedule Extension for the OU-4 Technical Memorandum on Remedial Action Objectives and Remedial Technologies, Alternatives and Screening	Submitted to EPA  Approval Received	March 20, 2020
Reports	Approvar Necesveu	March 23, 2020
teports		
Jpdated Interim Operations and Maintenance Plan (2012) - South Staging and Soil  Management Area	Submitted to EPA	May 2, 2012
	Approval Pending	
NTC Removal Action Completion Report for Residential Properties at the Anniston PCB Site	Submitted to EPA	July 31, 2012
	Comments Received Revision Submitted	May 16, 2013 November 12, 2015
NTC Removal Action Completion Report for Residential Properties at the Anniston PCB Site, Addendum No. 1	Submitted to EPA	August 3, 2016
NTC Removal Action Completion Report for Residential Properties at the Anniston PCB	Submitted to EPA	July 14, 2017
Site, Addendum No. 2 NTC Removal Action Completion Report for Residential Properties at the Anniston PCB Site, Addendum No. 3	Submitted to EPA	June 4, 2018
NTC Removal Action Completion Report for Residential Properties at the Anniston PCB Site, Addendum No. 4	Submitted to EPA	June 26, 2019
NTC Removal Action Completion Report for Residential Properties at the Anniston PCB Site, Addendum No. 5	Submitted to EPA	April 24, 2020
sile, Addendum No. 5	Approval Pending	
South Staging and Soil Management Area, Interim Closure Report - Addendum No. 7	Submitted to EPA  Approval Pending	June 4, 2018
Central Staging and Soil Management Area 2019 Annual Effectiveness Report	Submitted to EPA	April 24, 2020
Nest 11th Street Sewer Line Repair Construction Completion Report - City of Anniston Water Works and Sewer Board	Submitted to EPA	June 12, 2018
vater vvorks and Sewer Board	Approval Pending	
Snow Street Drainage Improvement Project Completion Report Closure Report -	Submitted to EPA	July 10, 2019
Addendum No. 1	Approval Pending	, ,, ,
DU-4 Sediment Stability Technical Memorandum	Submitted to EPA	June 30, 2010
	Approval Pending	
Former Holiday Inn Redevelopment Project Completion Report (1)	Submitted to EPA  Approval Pending	November 20, 2013
Miracle Field Construction Completion Report <sup>(1)</sup>	Submitted to EPA  Approval Pending	June 19, 2014
Anniston Regional Airport Fence Installation Project Completion Report <sup>(1)</sup>	Submitted to EPA  Approval Pending	July 23, 2014
nterstate 20 (I-20) Bridge System Over Snow Creek Remedial Measures Completion	Submitted to EPA	October 7, 2014
Report (1)	Cubilitied to Li A	0010001 1, 2014

Notes:

(1) The approval is pending the completion of the Remedial Investigation/Feasibility Study process for OU-4.

Colonial Pipeline Company Recoating Project Completion Report (1)

March 2020 Progress Report

Submitted to EPA

Approval Pending

Submitted to EPA

November 5, 2014

April 9, 2020

# INTERIM IC GROUP COUNTS ANNISTON PCB SITE

Anniston, Alabama

Area	IC Group 2	IC Group 3	IC Group 4	Total
Zones A -B	136	20	9	165
Zones C-D (includes Evaluation Area 35)	192	80	40	312
OU-4	5	5	1	11
Total	333	105	50	488

<sup>&</sup>lt;sup>2)</sup> IC Group 2 includes properties where residual PCB-containing soil may remain on the property but such presence has not been confirmed (e.g., PCBs beneath structures or driveways).

IC: Institutional Controls

PCBs: polychlorinated biphenyls

ppm: parts per million

<sup>&</sup>lt;sup>3)</sup> IC Group 3 includes properties where PCB levels in the surficial soil are less then 1 ppm, but are between 1 and 10 ppm at 12 inches or more below the existing ground surface. IC Group 3 properties may also include improvements (e.g., houses, driveways) where residual PCB-containing soil may remain on the property but such presence has not been confirmed.

<sup>&</sup>lt;sup>4)</sup> IC Group 4 includes properties where PCB levels in the surficial soil are greater than 1 ppm and have not been remediated (due to access issues or unsuitable areas). IC Group 4 properties may also include improvements (e.g., houses or driveways) where residual PCB-containing soil may remain on the property but such presence has not been confirmed, and/or the property may contain PCBs between 1 and 10 ppm at 12 inches or more below the existing ground surface.

# OU-1 RESIDENTIAL PROGRAM SUMMARY ANNISTON PCB SITE

Anniston, Alabama

Residential Removal Action Program (Evaluation Areas 1-35) (1)	April 2020
No. of properties where access has been requested to surface sample	0
No. of properties where owners/tenants have been contacted for additional sampling and/or removal activities	0
No. of properties where total access has been granted to surface sample	1
No. of properties where access has been requested for removal action activities	0
No. of properties where total access has been granted for removal action activities	0
No. of properties surface sampled in the footprint of a former structure/unsuitable area	0
No. of properties where depth, dust, and/or crawlspace samples were collected	0
No. of properties where validated analytical results were received	0
No. of properties where removal actions have been completed	0
	0
No. of properties where removal actions are in progress	U
Total no. of properties with PCB surface results < 1 ppm	1231
Total no. of properties with PCB surface results $\geq$ 1 ppm $^{(2)(3)}$	10
Total no. of removal action properties Unsuitable for Removal	20
Total no. of removal action properties where removals have been completed by Solutia (Additional Unsuitable Areas Remain)	10
Total no. of removal action properties completed by Solutia (as part of AOC and CD) (3)(4)	375
Total no. of > 1 ppm PCBs removal action properties completed by EPA (confirmed)	8
Total no. of 2 1 ppin 1 obs removal action properties completed by E1 A (committee)	Ü
Residential Removal Action Program (Special Use Properties - Evaluation Areas 1-35)	April 2020
No of proportion where access has been requested for removal action activities	0
No. of properties where access has been requested for removal action activities	0
No. of properties where total access has been granted for removal action activities	0
No. of properties where depth, dust, crawlspace, and/or demo samples were collected	0
No. of properties where validated analytical results were received	0
No. of properties where removal actions have been completed	0
No. of properties where removal actions are in progress	0
Total no. of properties with PCB surface results < 1 ppm in High Activity Areas	24
Total no. of removal action properties completed by Solutia (as part of AOC and CD)	9
Residential Removal Action Program (Lead Site AOC Zone A)	April 2020
	_
No. of properties where access has been requested to surface sample	0
No. of properties where total access has been granted to surface sample	0
No. of properties where access has been requested for removal action activities	0
No. of properties where owners/tenants have been contacted for additional sampling and/or removal activities	0
No. of properties where total access has been granted for removal action activities	0
No. of properties surface sampled in the footprint of a former structure/unsuitable area	0
No. of properties where depth, dust and/or crawlspace samples were collected	0
No. of properties where validated analytical results were received	0
No. of properties transferred from the Foothills Community Partnership and/or EPA	0
No. of properties where removal actions have been completed	0
No. of properties where removal actions are in progress	0
Total no. of properties with PCB surface results < 1 ppm sampled by Solutia and/or EPA	440
Total no. of properties with PCB surface results ≥ 1 ppm and Lead <400 ppm	1
<b>Total no. of Special Use properties with PCB surface results</b> ≥ 1 ppm and Lead <400 ppm in High Activity Areas	0
Total no. of removal action properties completed by Solutia (as part of AOC and CD)	81
Total no. of removal action properties where removals have been completed by Solutia (Additional Unsuitable Areas Remain)	2
Total no. of removal action properties Unsuitable for Removal	2

# OU-1 RESIDENTIAL PROGRAM SUMMARY ANNISTON PCB SITE

Anniston, Alabama

Residential Removal Action Program (Lead Site AOC Zone B)	April 202
No. of properties where access has been requested to surface sample	0
No. of properties where total access has been granted to surface sample	0
No. of properties where access has been requested for removal action activities	0
No. of properties where owners/tenants have been contacted for additional sampling and/or removal activities	0
No. of properties where total access has been granted for removal action activities	0
No. of properties surface sampled in the footprint of a former structure/unsuitable area	0
No. of properties where depth, dust and/or crawlspace samples were collected	0
No. of properties where validated analytical results were received	0
No. of properties transferred from the Foothills Community Partnership and/or EPA	0
No. of properties where removal actions have been completed	0
No. of properties where removal actions are in progress	0
Total no. of properties with PCB surface results < 1 ppm sampled by Solutia and/or EPA	525
Total no. of properties with PCB surface results ≥ 1 ppm and Lead <400 ppm	1
Total no. of Special Use properties with PCB surface results ≥ 1 ppm and Lead <400 ppm in High Activity Areas	0
Total no. of removal action properties completed by Solutia (as part of AOC and CD)	120
Total no. of removal action properties Unsuitable for Removal	3

<sup>(1)</sup> Evaluation Areas 1-34 also represents the Lead Site AOC Zones C and D.

<sup>(2)</sup> Includes properties surface sampled by EPA. Does not include completed removal properties or EPA Lead Site Appendix 6 properties.

<sup>(3)</sup> This total includes three properties where removals have previously been completed, but additional removals are required.

<sup>&</sup>lt;sup>(4)</sup> This total includes 3 Appendix 6 properties within Evaluation Areas 1-35 where removals were completed by Solutia.

# PROPERTY STATUS FOR RESIDENTIAL PROPERTIES WITH GREATER THAN 1 PPM PCBs RESULTS FOR SURFACE COMPOSITE SAMPLES IN ZONES A - D ANNISTON PCB SITE

Anniston, Alabama

ADDRESS	GIS PARCEL ID	EVALUATION AREA	EPA Zone	PROPERTY STATUS
807 Bancroft Avenue	2443	34	D	Non-Responsive
918 McDaniel Avenue	2217	11	D	Non-Responsive
916 McDaniel Avenue	2254	11	D	Owner Declined Access During Removal Initiation
124 W. 18th Street	207123	-	Α	Owner Declined Access During Removal Initiation
1627 W. 13th Street	1061	21	С	Owner Declined Removal Access
2106 W. 10th Street	2128	15	D	Owner Declined Removal Access
3002 Jefferson Street	3410	-	В	Owner Declined Removal Access
509 W. 13th Street	1136	24	С	Owner Not Found
716 Montrose Avenue (2)	2500	11	D	Owner Not Found
Duncan Avenue (11-22-01-01-04-2-77) (1)	973	21	С	Owner Not Found
621 Pine Street (2)	2820	3	С	Owner Not Found
1407 Glen Addie Avenue (2)	765	24	С	Owner Not Found

#### Notes:

<sup>&</sup>lt;sup>(1)</sup> Portions of property are no longer unsuitable for removal.

<sup>(2)</sup> Property requires additional removal action.

## PROPERTY STATUS FOR RESIDENTIAL PROPERTIES WITH GREATER THAN 1 PPM PCBs AND LESS THAN 400 PPM LEAD RESULTS FOR SURFACE COMPOSITE SAMPLES IN OU-4

#### **ANNISTON PCB SITE**

Anniston, Alabama

ADDRESS	GIS PARCEL ID	PROPERTY STATUS
0 Howard Drive (07-06-14-0-000-004.00)	600117	Owner Declined Removal Access

# ATTACHMENT A OU-1/OU-2 Residential Removal Properties Surface Sampling Access Update

#### RESIDENTIAL REMOVAL PROPERTIES SURFACE SAMPLING ACCESS UPDATE

Anniston PCB Site Consent Decree

Sam	pling Lette	er			
Sent	Signed For	Returned	Access Granted?	EPA Notified	Days Out

**EPA Zone: C** 

513 W 11th St

1612: 11-21-03-06-04-5-46, Eval. Area: 14, EPA Zone: C

31134 > Owner Dorothy Carnegie 3/2/2020 3/2/2020 4/13/2020 

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